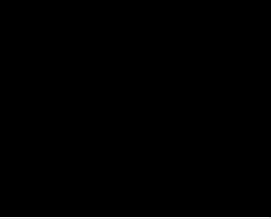


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill		04/24/2012		1700																																																			
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :																																																		
Operations Unit/Containment Branch Monitoring Group		Name:		Dan Capone & Joe Victory (START/US EPA)		From:	04/24/2012 0600																																																
		Position:		Operations Section Chief		To:	04/24/2012 1630																																																
7. Personnel Roster Assigned																																																							
Name		ICS Position		DUTY CELL																																																			
Dan Capone		Operations Section Chief																																																					
Joe Victory		Operations Section Chief																																																					
Rex Johnson		Deputy Director																																																					
Dan Zahner		Field Team Lead																																																					
Karen Berez		CBM Team 2																																																					
8. Activity Log																																																							
Activity Area						LAT Various (DD.MMMM)	LAT Various (DD.MMMM)																																																
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>																																																					
		<u>DENSITY OF OIL /SHEEN</u>																																																					
Total Collection Points																																																							
Total Boom Deployed																																																							
Activity		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></p> <p>Karen Berez and Dylan Massey conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 10.00 through 40.00. (3) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0700 - 1600: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions. <p><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></p> <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr> <td>MP 2.25 (C 0.0 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 5.25 (C0.4 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 10.0 (C3.2 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 15.0 (C5 Launch)</td> <td>54.4</td> <td>52.2</td> <td>3.2</td> </tr> <tr> <td>MP 18.75 (D2 Launch)</td> <td>49.3</td> <td>50.5</td> <td>1.8</td> </tr> <tr> <td>MP 21.5 (D5)</td> <td>50.5</td> <td>52.3</td> <td>5.6</td> </tr> <tr> <td>MP 27.0 (E0.5 Launch)</td> <td>46.0</td> <td>51.2</td> <td>2.1</td> </tr> <tr> <td>MP 30.0 (E2 Launch)</td> <td>50.1</td> <td>49.7</td> <td>0.7</td> </tr> <tr> <td>MP 35.0 (E3 Launch)</td> <td>53.5</td> <td>54.4</td> <td>0.6</td> </tr> <tr> <td>MP 38.0 (E4 Launch)</td> <td>50.3</td> <td>52.6</td> <td>1.6</td> </tr> <tr> <td>AVERAGE</td> <td>50.59</td> <td>51.84</td> <td></td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)				MP 5.25 (C0.4 Launch)				MP 10.0 (C3.2 Launch)				MP 15.0 (C5 Launch)	54.4	52.2	3.2	MP 18.75 (D2 Launch)	49.3	50.5	1.8	MP 21.5 (D5)	50.5	52.3	5.6	MP 27.0 (E0.5 Launch)	46.0	51.2	2.1	MP 30.0 (E2 Launch)	50.1	49.7	0.7	MP 35.0 (E3 Launch)	53.5	54.4	0.6	MP 38.0 (E4 Launch)	50.3	52.6	1.6	AVERAGE	50.59	51.84	
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WEEKLY/AFTER RAIN EVENT INSPECTION:**Talmadge Creek:** (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:
 MP 0.04: Below Source (Culvert 1):
 MP 0.27: Between Source & Division Road (Culvert 2):
 MP 0.50: Division Road (Culvert 3):
 MP 0.74: Hillbilly Road (Culvert 4):
 MP 1.09: 16 Mile Road (Culvert 5):
 MP 1.28: 15 ½-Mile Road (Culvert 6):
 MP 1.57: B4.5 (Culvert 7):
 MP 1.77: Saylor's Property (Culvert 8):
 MP 1.99: A Drive North (Culvert 9):
 MP 2.02: Talmadge Creek before Confluence:

DAILY CONTAINMENT MONITORING:**Kalamazoo River:** Control (CT) & Containment (CTM) Points (14) deployed are:

MP 2.25 (Confluence):
 MP 5.75 (Ceresco Dam):
 MP 8.50 L1 (8.48 LDB):
 MP 8.50 L3 (8.48 LDB):
 MP 8.75 R1:
 MP 9.00 I2 (8.97I):
 MP 10.75 LDB: Very slight silver sheen observed within containment. Area of sheen is 1' x 1' = 1 sq. ft.
 MP 11.75 L2 (11.79 LDB): No oil and/or sheen observed within containment. Due to drop in river level, area within containment on upstream end is currently a mudflat.
 MP 14.98I: No oil and/or sheen observed within containment. Downstream end of island still submerged.
 MP 15.65 (Battle Creek Dam): No oil and/or sheen observed within containment.
 MP 17.00 L1 (Rock Tenn): Very slight silver and rainbow sheen along with $\frac{1}{32}$ " oil globules observed within primary containment. Area of sheen is 5' x 1' = 5 sq. ft. Pom-poms have been removed and area sweep of sheen and globules. In inspecting the intake area, Dylan Massey and I observed sheen in the intake vault area through the grate above the intake.
 MP 21.50 Oxbow: Slight silver sheen and observed within containment. Area of sheen is 2' x 3' = 6 sq. ft.
 MP 30.8 LDB: No oil and/or sheen observed at collection area on check point.
 MP 37.75 (E4): No oil and/or sheen observed at collection area on control point.

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:
 MP 2.25 to MP 5.90:
 MP 5.90 to MP 9.50:
 MP 9.50 to MP 13.75:
 MP 13.75 to MP 15.65:
 MP 15.65 to MP 18.75:
 MP 18.75 to MP 30.00:
 MP 30.00 to MP 35.25:
 MP 35.25 to MP 37.75:
 MP 37.75 to MP 40.00:

Total sheen in control points: **0 sq. ft.**
 Total sheen within containment: **12 sq. ft.**

	<p>Total Sheen: 12 sq. ft.</p> <p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM 2 had no Situation Photo Log pictures to inspect today.</p>
Health and Safety Issues	None
Comments	None